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CITY OF ELKHART, INDIANA

JAMES P. PERRON, Mayor

EPA Region 5 Records Ctr.



353121

May 3, 1995

IDEM

Attn: Pat Carrasquero
superfund Section
P.O. Box 6015
Indianapolis, In 46206-6015

Dear Ms. Carrasquero,

Enclosed please find the required reports for the
Air Stripper Facility located at North Main Street
Well Field in Elkhart, In.

These reports are for the first quarter of 1995.

If you have any questions, please contact me at the
phone number of 219-293-2572.

Sincerely,

Marie Davis

Marie Davis, Supt. of Oper.

MD/cs
Encl.

CERTIFIED MAIL

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the
following services (for an extra
fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
IDEM - Super Fund Section
P.O. Box 6015
Indianapolis, IN 46206

4a. Article Number
p 267 460 360

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for
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7. Date of Delivery

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8. Addressee's Address (Only if requested
and fee is paid)

6. Signature (Agent)

Cent. 267-460-360

CITY OF ELKHART WATER UTILITY
Air Stripper
Operation and Maintenance Quarterly Report

Month	Operation Cost (energy)	Maintenance Activities	Personnel Cost	Laboratory Cost	TCE in Raw & Finished Water (based on existing sampling program)	
JANUARY	\$4,059.10	\$7,327.75	\$357.90	\$512.00		
FEBRUARY	\$3,724.37	\$60.00	\$635.21	\$236.00		< 0.5 µg/L
MARCH	\$3,995.59	\$701.53	\$291.66	\$354.00		
TOTAL	\$11,779.06	\$8,089.28	\$1,284.77	\$1,102.00	Raw	Finished

TCE Levels (µg/L) in each production well and interceptor well outfall.

Month	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Well #9	Well #10	Well A	Well B	Well C	Well D	Well E	Int. #1	Int. #2	Int. #3	Int. #4
JANUARY																			
FEBRUARY	0.82						<0.5	<0.5									29	34	16
MARCH																			

< = less than

Give an evaluation of effectiveness of the air stripper based on performance monitoring program.

Month	AST #1		AST #2		AST #3	
	Influent TCE, µg/L	Effluent TCE, µg/L	Influent TCE, µg/L	Effluent TCE, µg/L	Influent TCE, µg/L	Effluent TCE, µg/L
JANUARY			23	<0.5		
FEBRUARY					24	< 0.5
MARCH	27	<0.5				

Comments:

Detectable VOC's have occurred in Tower #1. City is investigating.

Attach: Pumpage from each well treated on a daily basis (in graphic format)
Total daily pumpage treated (in graphic format)

Signature: Maria A. Davis

Date: 01 May 1995

Reporting Quarter: 1st Year: 1995

CITY OF ELKHART WATER UTILITY
Air Stripper
Operation and Maintenance Quarterly Report

Month	Operation Cost (energy)	Maintenance Activities	Personnel Cost	Laboratory Cost	TCE in Raw & Finished Water (based on existing sampling program)	
APRIL	\$4,096.69	\$13.15	\$353.12	\$472.00		
MAY	\$4,107.99	\$231.00	\$578.48	\$354.00		µg/L
JUNE	\$6,194.80	\$1,692.20	\$547.81			<0.5
TOTAL	\$14,399.48	\$1,936.35	\$1,479.41	\$826.00	Raw	Finished

TCE Levels (µg/L) in each production well and interceptor well outfall.

Month	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Well #9	Well #10	Well A	Well B	Well C	Well D	Well E	Int. #1	Int. #2	Int. #3	Int. #4
APRIL																			
MAY																9.7	31.0	29.0	9.0
JUNE	<0.5	<0.5	0.6	3.4	0.7	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	0.9				

< = less than

Give an evaluation of effectiveness of the air stripper based on performance monitoring program.

Month	AST #1		AST #2		AST #3	
	Influent TCE, µg/L	Effluent TCE, µg/L	Influent TCE, µg/L	Effluent TCE, µg/L	Influent TCE, µg/L	Effluent TCE, µg/L
APRIL	27.0			<0.5		
MAY		<0.5	14.0	<0.5		
JUNE				<0.5	9.6	<0.5

Comments:

Attach: Pumpage from each well treated on a daily basis (in graphic format)
Total daily pumpage treated (in graphic format)

Signature: Maria [Signature] Date: 10 AUGUST 1995 Reporting Quarter: 2ND YEAR 1995